

NITIN RAJPUT

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SUMMARY

Full-Stack Software Engineer with **3 years** of experience, specializing in **frontend development** using **React.js, Next.js, TypeScript, and modern state management (Redux, RTK Query, React Query, Zustand)**. Skilled at delivering **scalable, responsive, and performant applications** with expertise in **micro-frontend architecture, Webpack bundling, Storybook-driven UI development, React Profiler, and Lighthouse audits**. Proficient in backend technologies (**Node.js, Express.js, MongoDB, MySQL**) to deliver end-to-end solutions. Recognized for mentoring teams, leading agile practices, and driving measurable impact, including a **30% efficiency boost** and 20% cost reduction

SKILLS

Frontend	React.js, Next.js, TypeScript, JavaScript(ES6+), Redux, RTK Query, React Query, Zustand, Jest, React Testing Library, Storybook, React Profiler, Lighthouse, Material UI, HTML5, CSS3, Tailwind, Bootstrap, SASS/LESS, Core Web Vitals, Webpack, Micro-frontend Architecture
Backend	Node.js, Express.js, MongoDB, REST API
Tools	CI/CD (GitHub Actions, Jenkins), Postman, Version Control (Git, GitHub), VS Code, Figma, Jira
Other	Agile Methodologies, API Integration, Communication, Adaptability, Problem Solving, Team Collaboration, Time Management

EXPERIENCE

Software Engineer InspironLabs Software Systems Private Limited,	Nov 2023 – Present <i>Bengaluru, KA</i>
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- Built **dynamic category pages** with advanced filtering/sorting in React.js, boosting product discoverability and user engagement.
- Developed an **internal analytics dashboard** (React.js, MongoDB, MySQL, Redis) with **RTK Query caching**, reducing redundant API requests by 25% and improving data visualization.
- Implemented **micro-frontend architecture** to modularize the codebase, enabling independent deployments and improving development speed.
- Optimized performance via **Webpack bundling, code-splitting, lazy loading, and asset compression**, cutting load times and improving **Core Web Vitals**.
- Used **React Profiler** and **Lighthouse** to identify and fix performance bottlenecks, resulting in faster rendering and better user experience.
- Introduced **Storybook** for building and documenting reusable UI components, ensuring design consistency and faster developer onboarding.

Full-Stack Development Trainee Prepbytes Elevation Academy,	Jan 2023 - Nov 2023 <i>Gurgaon, HR</i>
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- Completed an intensive **MERN stack program** with a strong focus on **frontend excellence**.
- Built multiple **full-stack web applications**, emphasizing **responsive UI, reusable components, and scalable frontend architecture**.
- Applied **React.js, Redux, and RTK Query** to implement efficient caching strategies, improving performance and reducing API overhead.
- Delivered **5+ capstone projects**, including features such as **role-based authentication, interactive dashboards, and data visualization**.

EDUCATION

Bachelor of Computer Science, CCSU University

2020 - 2023

ACHIEVEMENTS

Shining Star Award, InspironLabs

Expected 2024

Recognized for leading a team to deliver a critical healthcare project ahead of schedule, improving efficiency by 30%.

PROJECTS

Project 1: Healthcare/Insurance SaaS Solution

Sep 2023 – Nov 2024

Team Size: 28

Description: Developed a modular, flexible, and adaptable SaaS solution compliant with **Federal, CMS MITA standards, and HIPAA requirements**. The system included user-configurable rules, robust reporting capabilities, public/private APIs for data sharing, and microservices architecture for scalability and flexibility.

Roles and Responsibilities:

- Led 4 members of team to the migration of a **React 16 class-based application using MobX and MUI** to a modern **micro-frontend architecture** with **React.js functional components, Redux, and RTK Query**, improving scalability and maintainability.
- Refactored and modularized components, enabling **faster development and easier integration** across teams.
- Implemented **Storybook** for component documentation and **Lighthouse audits** to enhance UI consistency and performance.
- Conducted **code reviews** and **integrated RESTful APIs** for seamless backend communication.
- Optimized application performance, reducing load times and improving user experience.
- Led project delivery efforts, mentoring developers and ensuring high-quality releases.

Technology and Tools: React.js, TypeScript, Node.js, MongoDB, PostgreSQL, Microservices Architecture, ElasticSearch, RabbitMQ.

Project 2: Optimization Tool for Digital Transformation

Dec 2022 – Aug 2023

Team Size: 10

Description: Designed a software solution to revolutionize business processes with comprehensive workflow management, integrated communication tools, and advanced data analytics.

Roles and Responsibilities:

- Developed responsive web applications using **React.js, TypeScript, and Redux**.
- Optimized performance and scalability by integrating RESTful APIs and reusable code components.
- Worked closely with UI/UX designers to implement user-centric, intuitive interfaces.
- Resolved production issues, ensuring smooth operations and minimal downtime.

Technology and Tools: Node.js, React.js, TypeScript, MySQL, HTML, CSS, JavaScript.